

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED SUB REPORT/abd

DATE FILED 6-11-84

LAND FEE & PATENTED

STATE LEASE NO

ML-21908

PUBLIC LEASE NO

INDIAN

DRILLING APPROVED 6-12-84 - GAS (CAUSE NO. 149-23) UNIT #2

SPUDDED IN

COMPLETED 3-28-86 LA'd PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY A.P.I.

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED

FIELD UNDESIGNATED

UNIT

COUNTY GRAND

WELL NO LITTLE BERRY STATE "A" #1

API #43-019-31161

LOCATION 982' FNL FT FROM (N) (S) LINE

2308' FEL

FT FROM (E) (W) LINE

NWNE

1/4 - 1/4 SEC 10

TWP

RGE

SEC

OPERATOR

TWP

RGE

SEC

OPERATOR

16S

23E

10

TXO PRODUCTION CORP.



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

JUN 6 1984

**DIVISION OF OIL
GAS & MINING**

June 4, 1984

Utah Division of Oil, Gas & Mining
Department of Natural Resources & Energy
4241 State Office Building
Salt Lake City, Utah 84114

Re: Designation of Operator
Little Berry State "A" #1 ✓
NW/NE Section 10-T16S-R23E
Little Berry State "A" #2
SW/NE Section 11-T16S-R23E
Little Berry State "B" #1
NW/SE Section 3-T16S-R23E

Gentlemen:

Please find enclosed three copies of the Designation of Operator form from Kerr-McGee Corporation for the above-referenced wells.

If you have any questions, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

Terry L. Blankenship
Environmental Scientist

TLB/gbp

Enclosures/as stated



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands, holder of lease, ML -21908 :

and hereby designates

NAME: TXO Production Corp.
ADDRESS: 1800 Lincoln Center Building
Denver, CO 80264

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

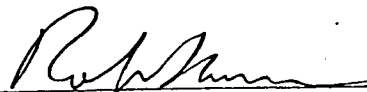
Township 16 South-Range 23 East
Section 3: S/2
Section 10: NE/4
Section 11: NE/4
Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands or his representative.

The lessee agrees promptly to notify the Division of State Lands of any change in the designated operator.

KERR-MCGEE CORPORATION



(Signature of Lessee)(Name/Title)
Robert Henderson, Executive Vice-President

Kerr-McGee Corporation
Oklahoma City, Oklahoma 83125
(Address)

22 MAY 67
(Date)



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

JUN 11 1984

DIVISION OF OIL
GAS & MINING

June 8, 1984

Utah Division of Oil, Gas and Mining
Department of Natural Resources & Energy
4241 State Office Building
Salt Lake City, Utah 84114

Re: Little Berry State "A" #1
Section 10-T16S-R23E
Grand County, Utah

Gentlemen:

Enclosed is an original and two copies of an APD and 10-point drilling plan for the above-referenced well. TXO will purchase water from Burt DeLambert and an agreement will be forwarded to your office when it is finalized.

If you have any questions please contact me at this office.

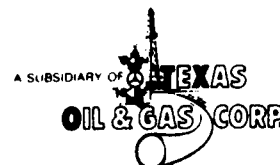
Very truly yours,

TXO PRODUCTION CORP.

Terry L. Blankenship
Environmental Scientist

TLB/gbp

Enclosure/as stated



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

2

3. Lease Designation and Serial No.

ML-21908

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Little Berry State

9. Well No.

"A" #1

10. Field and Pool, or Wildcat

~~Fence Canyon~~ Undesignated
11. Sec., T., R., M., or BLM
and Survey or Area

Sec. 10-T16S-R23E

12. County or Parrish 13. State

Grand Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒

Other

Single Zone ☒Multiple Zone ☐

2. Name of Operator

TXO Production Corp. Attn: Mr. Terry Blankenship

3. Address of Operator

1800 Lincoln Center Building, Denver, Colorado 80264

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface
982' FNL, 2308' FEL Sec. 10-T16S-R23E
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximately 45 miles northwest of Mack, Colorado

15. Distance from proposed*

location to nearest
property or lease line, ft. 982'
(Also to nearest drlg. line, if any)

16. No. of acres in lease

320

17. No. of acres assigned to this well

320

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

3199'

19. Proposed depth

8500'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

8032' GR

22. Approx. date work will start*

June 25, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	9 5/8"	36#	500'	250 sacks
8 3/4"	7"	20# (0'-4000')	4850'	120 sacks
		23# (4000'-4850')		
6 1/4"	4 1/2"	11.6# (0'-700')	8500'	80 sacks
		10.5# (700'-6900')		
		11.6# (6900'-8500')		

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/12/84
BY: John R. Dasher

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

R.E. Dasher
R.E. Dasher

Title District Drilling Manager

Date 6/8/84

(This space for Federal or State office use)

Permit No.

Approval Date

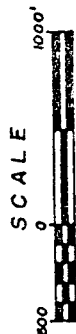
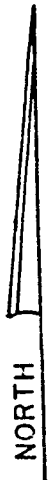
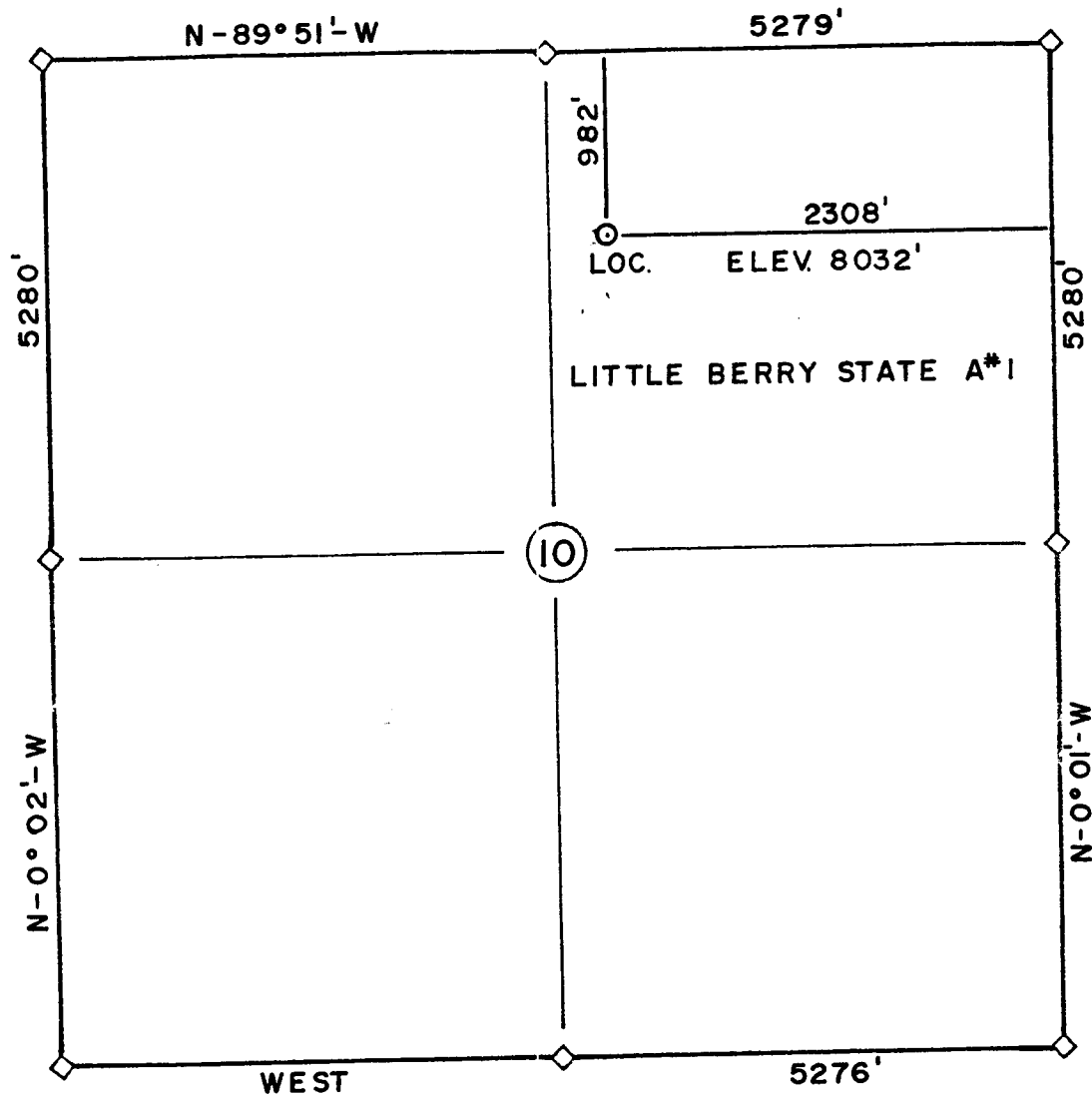
Approved by

Title

Date

Conditions of approval, if any:

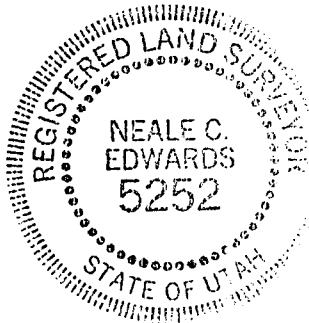
SEC. 10, T. 16 S., R. 23 E., OF THE SLB P.M.



REFERENCE DOCUMENTS

1923 GLO PLAT

P.R. SPRING - UT
QUADRANGLE, USGS



SURVEYOR'S CERTIFICATE

I, NEALE C. EDWARDS A REGISTERED LAND SURVEYOR
IN THE STATE OF UTAH DO HEREBY CERTIFY THAT
THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION
AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Neale C. Edwards
L.S. NO 5252
DATE: 5-25-84

THIS WELL LOCATION PLAT WAS PREPARED
FOR TXO PRODUCTION CORP. AS
REQUESTED BY TERRY BLANKENSHIP

982' F.N.L. & 2308' F.E.L.
IN THE NW 1/4 NE 1/4, OF SECTION 10,
T. 16 S. R. 23 E. OF THE SLB P.M.,
GRAND COUNTY, UTAH

NCE SURVEYS

364 C.R. 216
DURANGO, COLO.
81301
(303) 247-2342

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands, holder of lease, ML -21908 :
and hereby designates

NAME: IXO Production Corp.
ADDRESS: 1800 Lincoln Center Building
Denver, CO 80264

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

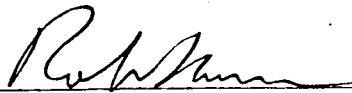
Township 16 South-Range 23 East
Section 3: S/2
Section 10: NE/4
Section 11: NE/4
Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands or his representative.

The lessee agrees promptly to notify the Division of State Lands of any change in the designated operator.

KERR-MCGEE CORPORATION



(Signature of Lessee)(Name/Title)
Robert Henderson, Executive Vice-President

Kerr-McGee Corporation
Oklahoma City, Oklahoma 83125
(Address)

22 MAY 87
(Date)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands, holder of lease, ML 21908 OGH: and hereby designates:

Mobil Mineral Resources Inc.
P. O. Box 17772
Denver, Colorado 80217

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

The upper 1,000 feet of the following described property:

Township 15 $\frac{1}{2}$ South, Range 23 East, SLM

Section 34: Lots 1, 2, SE/4

Section 35: All

Township 16 South, Range 23 East, SLM

Section 1: Lots 1, 2, 3, 4, SE/4NW/4, S/2NE/4, S/2

Section 3: Lots 1, 2, S/2NE/4, S/2

Section 10: E/2

Section 11: NE/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands or his representative.

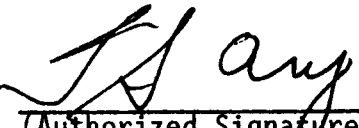
The lessee agrees promptly to notify the Division of State Lands of any change in the designated operator.

Kerr McGee Corporation
Kerr McGee Center
Oklahoma City, Oklahoma

March 26, 1984

(Date)

MAL53j


(Authorized Signature)
T S Ary

OGC-1a ADDENDUM
Little Berry State "A" #1
Section 10-T16S-R23E
Grand County, Utah

1. SURFACE FORMATION: Green River

2. ESTIMATED FORMATION TOPS:

Castlegate	4465'
Mancos	4655'
Dakota	8120'
Buckhorn	8310'
Morrison	8370'

Total Depth 8500'

3. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected Gas Zones: Buckhorn 8120'

Water may be encountered in the Castlegate Formation.

4. CASING PROGRAM AS PER FORM OGC-1a.

5. PRESSURE CONTROL EQUIPMENT:

A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi (greater than the anticipated bottomhole pressure of 1100 psi), will be installed. See Exhibit 1.

B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.

C. A rotating pack-off head will be installed above the blowout preventer to control flow while drilling with air.

D. The equipment in A and B will be pressure-tested to 2000 psi before crilling surface pipe cement, and the blowout preventer will be tested for operations daily and during trips.

6. MUD PROGRAM:

0-500' Air or air mist. If necessary will use spud mud at 8.8-9.2#/gal. vis. 35-45 sec. API.

500'-TD Air or air mist. If necessary, will use 3% KCl mud at 8.6-

7. AUXILIARY EQUIPMENT

- A. A kelly cock will be used.
- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.

8. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. Logging program will consist of: DIL from TD to intermediate pipe, GR from TD to surface pipe and FDC-SNP-GR-CAL from TD to 2000' above TD; if logged wet, CNL-FDC-GR-CAL from TD to 2000' above TD.
- C. No testing is anticipated.

9. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H₂S are expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located 125' from the wellhead) to insure burning of return gases that are combustible.

10. ANTICIPATED STARTING DATES:

Start location construction	June 25, 1984
Spud date	June 29, 1984
Complete drilling	July 19, 1984
Completed, ready for pipeline	July 25, 1984

- 11. Productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced water will be contained in the unlined drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracturing) can only be determined after the zone has been tested. A completion program will be furnished after drilling and logging.

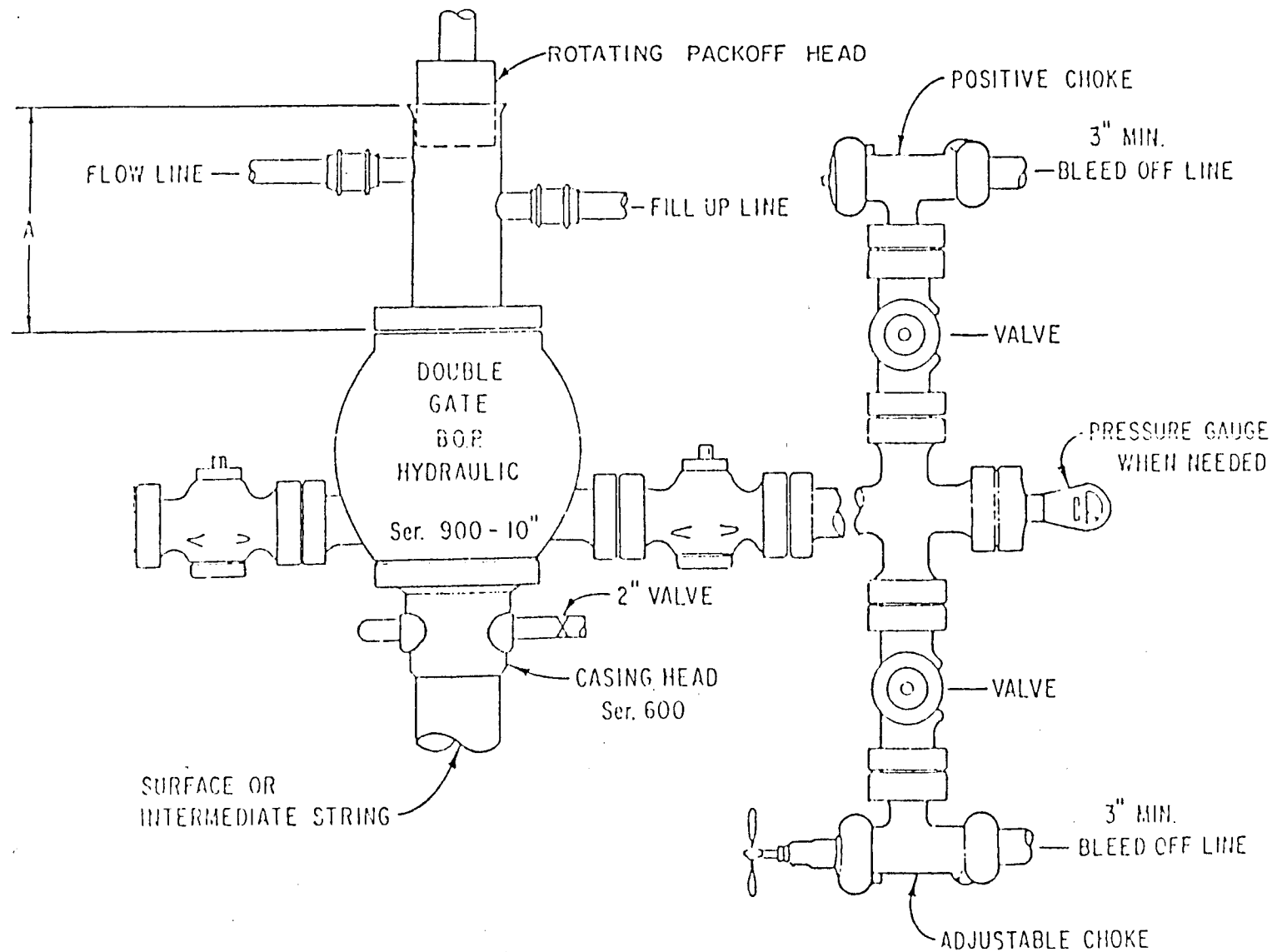
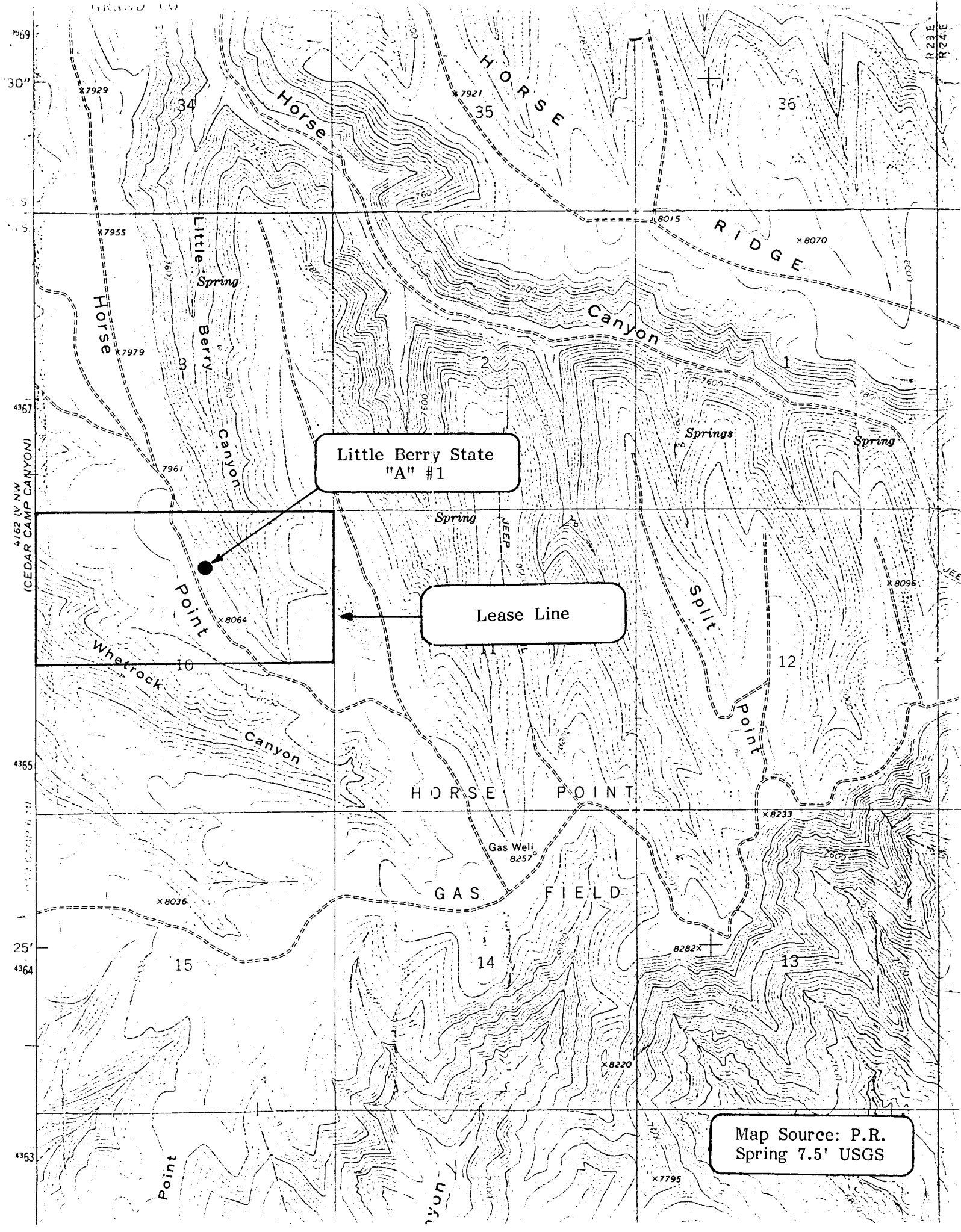


EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM



Little Berry State
"A" #1

Lease Line

Map Source: P.R.
Spring 7.5' USGS

OPERATOR

TXO Production Corp

DATE

6-12-84

WELL NAME

Little Bury State "A" #1

SEC

NWNE/4

T

16S

R

23E

COUNTY

Grand

43-019-31161

API NUMBER

State

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

HL

☐☐

NID

☐

PI

☐☐

MAP

☐☐

PROCESSING COMMENTS:

Unit #2 - Cause #149-23

Need water permit

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☒

c-3-a

149-23 12/15/83
CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

1- Water

2- Can only be completed in the Dakota & Cedar
Mtn (which includes the Buckhorn Sands) formations
as per Cause no. 149-23

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☐ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☒ ORDER 149-23

☐ UNIT _____

☐ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

June 12, 1984

TXO Production Corporation
Attn: Mr. Terry Blankenship
1800 Lincoln Center Bldg.
Denver, Colorado 80264

RE: Well No. Little Berry State A #1
N42E Sec. 10, T. 16S, R. 23E
982' FHL, 2308' FEL
Grand County, Utah

Gentlemen:

Approval to drill the above referenced gas well is hereby granted in accordance with Order of Cause No. 149-23 dated December 15, 1983 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. This well can only be completed in the Dakota and Cedar Mountain (which includes the Buckhorn Sands) formations as per Cause No. 149-23.

In addition, the following actions are necessary to fully comply with this approval:


1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OCC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-9068 (Home).

TXU Production Corporation
Well No. Little Berry State A #1
June 12, 1984
Page 2

4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31161.

Sincerely,

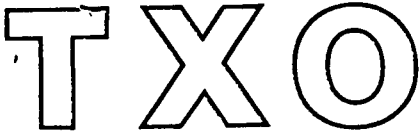


R. J. Firth
Associate Director, Oil & Gas

RJF/as

cc: State Lands
Branch of Fluid Minerals

Enclosures



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

June 4, 1984

RECEIVED

JUN 13 1984

DIVISION OF OIL
GAS & MINING

Mr. Burt DeLambert
Box 607
Vernal, Utah 84078

Re: Water Use Agreement for the
Little Berry State "A" #1
NW/NE Section 10-T16S-R23E
Little Berry State "A" #2
SW/NE Section 11-T16S-R23E
Little Berry State "B" #1
NW/SE Section 3-T16S-R23E
Middle Canyon Unit #13-3
NW/NW Section 13-T16S-R23E
Grand County, Utah

Dear Burt:

This letter, when fully executed, will set forth the Agreement that has been reached between TXO Production Corp. (hereinafter referred to as "TXO") and Burt DeLambert with respect to water use in conjunction with the drilling of the above-referenced wells.

The terms of the Agreement between TXO and Burt DeLambert are as follows:

1. Burt DeLambert has agreed to sell to TXO all water necessary for the drilling and completion of the above-referenced wells. The mutually agreed upon purchase price for this water is two thousand five hundred dollars (\$2,500.00) per well. This water will be obtained from landowner's pond located in the southeast quarter of the northeast quarter (SE/4 NE/4) of Section 31-Township 15 South, Range 23 East, Uintah County, Utah and in conjunction with the taking and use of this water, TXO is granted the necessary easement on the existing roads between the above-mentioned pond and the referenced well site locations.

If you agree with the terms discussed in this letter, please concur by signing below and returning a signed copy of the letter to me. A check will be forwarded for each well on commencement of location construction. In the event TXO decides not to drill one of the referenced wells, it is understood that no water




Burt DeLambert
June 4, 1984
Page Two

payment will be made.

If you have any questions do not hesitate to contact me at this office. Our toll free number is (800) 351-8803).

Very truly yours,

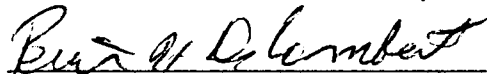
TXO PRODUCTION CORP.


Terry L. Blankenship
Environmental Scientist

TLB/gbp

ACCEPTED AND AGREED TO THIS

7 DAY OF May, 1984


Burt DeLambert



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 28, 1986

TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Gentlemen:

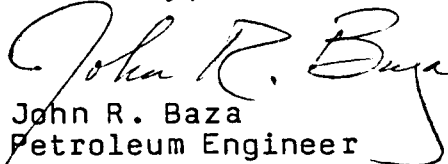
RE: Well No. Little Berry State A #1, Sec.10, T.16S, R.23E,
Grand County, Utah, API NO. 43-019-31161

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice.

If it is your intent to proceed with operations on the well, you must submit a request for extension of the approval to drill within the one month grace period. After the grace period, a new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,


John R. Baza
Petroleum Engineer

cc: D. R. Nielson
R. J. Firth
Well file
0278T-13

NAME	ACTION CODE(S)	INTL
NORM		<i>78</i>
TAMI	<i>3A-Reloc</i>	<i>78</i>
VICKY		<i>1</i>
CLAUDIA		
STEPHANE	<i>1</i>	<i>78</i>
CHARLES		
RULA	<i>2</i>	<i>Rm</i>
MARY ALICE		
CONNIE		
MILLIE		
PAM	<i>File Reloc</i>	<i>pl.</i>

Required Action Code

1. Data Entry
2. Filming
3. Posting
 - a. Card Index
 - b. File Label
 - c. Lists
4. Bonding Verification
5. Other (See Norm)



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

April 8, 1986

Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Attn: John R. Baza

Re: Little Berry State "A" #1
Section 10-T16S-R23E
Grand County, Utah

Dear Mr. Baza:

In response to your letter of March 28, 1986, TXO Production Corp. wishes to notify you that we do not intend to drill the referenced well in the foreseeable future. Please cancel our approved permit API No. 43-019-31161. Should TXO's plan change at a later date we will file a new Application for Permit to Drill for approval.

If you have any other questions, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

A handwritten signature in cursive script that reads "Ivan Urnovitz".

R.K. (Ivan) Urnovitz
Environmental Scientist

RKU/gbp